

We claim:

1. A powder formulation which consists of

- at least one agrochemical active substance,
- at least one polyurethane and/or polyurethane urea and,
- 5 - if appropriate, additives

and which has a particle diameter of less than 125 µm.

2. The powder formulation as claimed in claim 1, characterized in that the polyurethane, or the polyurethane urea, has a mean molar mass of from 200 to 50 000 g/mol.

3. The powder formulation as claimed in claim 2, characterized in that the polyurethane, or 10 the polyurethane urea, has a mean molar mass of from 250 to 20 000 g/mol.

4. The powder formulation as claimed in any of claims 1 to 3, characterized in that the content

- of agrochemical active substances is between 1 and 50% by weight,
- of polyurethane(s) and/or polyurea(s) is between 50 and 99% by weight, and
- 15 - of additives is between 0 and 30% by weight.

5. The powder formulation as claimed in any of claims 1 to 4, characterized in that the agrochemical active substance is imidacloprid, carpropamid, tebuconazole and/or methiocarb.

6. A process for the preparation of a powder formulation as claimed in any of claims 1 to 5, 20 characterized in that a mixture of

- at least one agrochemical active substance,
- at least one polyurethane and/or polyurethane urea and,
- if appropriate, additives

25 is homogenized in the melt at temperatures between 50°C and 200°C and, when cold, the mixture is comminuted in such a way that a powder is obtained in which the particles have a diameter of less than 125 µm.

7. The process as claimed in claim 6, characterized in that the agrochemical active substance is mixed with the polyurethane and/or polyurethane urea in the presence of a solvent and the solvent is subsequently removed.
8. The use of a powder formulation as claimed in any of claims 1 to 5 for applying the agrochemical active substances which it contains to plants and/or their environment.
9. A composition, characterized in that it contains a powder formulation as claimed in any of claims 1 to 5 and extenders and/or surface-active agents.